

BOLTE



# ISOFIX

STUD WELDING UNIT

SPECIALLY DESIGNED FOR WELDING CUPPED HEAD PINS AND INSULATION NAILS

DISPLAY OF ADJUSTED CHARGING VOLTAGE

ADJUSTMENT AID FOR CHARGING VOLTAGE

CHARGING VOLTAGE CONTINUOUSLY ADJUSTABLE



HIGH QUALITY, ROBUST UNIT BODY FOR HARSH BUILDING SITE CONDITIONS

SMALL AND COMPACT

LIGHTWEIGHT - ONLY 7.7 KG

VERY EASY OPERATION





PIM-1B  
STUD WELDING GUN FOR  
WELDING CUPPED HEAD PINS



PIM-1K  
COMPACT STUD WELDING GUN FOR  
WELDING CUPPED HEAD PINS



PKM-1B  
STUD WELDING GUN FOR  
WELDING  
INSULATION NAILS



# SPECIALY DESIGN CUPPED HEAD PINS A

## LIGHTWEIGHT

- » weight only 7.7 kg  
→ 45% lighter than comparable competitor units!

## SMALL AND COMPACT

- » Dimensions: 195 x 302 x 270 mm

## VERY EASY OPERATION

- » adjustment aid for charging voltage  
→ summary table with recommended values for charging voltage
- » charging voltage continuously adjustable
- » display of adjusted charging voltage

## APPLICABLE WITH STUD WELDING GUN PIM-1B

- » for welding cupped head pins
- » spring pressure adjustable for adaptation to different welding situations (e.g. for insulation materials with high density)
- » display of adjusted spring pressure in sight window
- » automatic triggering of welding in welding position
- » automatic control of contact pressure  
→ secures constantly good welding results

## APPLICABLE WITH STUD WELDING GUN PIM-1K

- » for welding cupped head pins
- » small and compact  
→ length: only 43 mm  
→ weight: only 200 g  
→ for welding in difficult to access areas
- » automatic triggering of welding in welding position
- » automatic control of contact pressure  
→ secures constantly good welding results

## APPLICABLE WITH STUD WELDING GUN PKM-1B

- » for welding insulation nails
- » spring pressure adjustable for adaptation to different welding situations
- » display of adjusted spring pressure in sight window

## POWERFUL

- » perfect welds of very high strength

## UTMOST SAFETY

- » electronic function control
- » self-diagnosis system
- » automatic function test
- » repeat cycle lock to avoid welding on already welded studs

## HIGH QUALITY, ROBUST UNIT BODY FOR HARSH BUILDING SITE CONDITIONS



# DESIGNED FOR WELDING AND INSULATION NAILS

## TECHNICAL DATA

<b>Welding range</b>	2 - 3 mm
<b>Welding material</b>	steel, stainless steel, aluminium
<b>Welding sequence</b>	> 30 welds/min
<b>Error diagnosis systems</b>	
Excess temperature	x
Damage on welding/control cable	x
<b>Weight</b>	7.7 kg
<b>Dimensions (W x L x H)</b>	195 x 302 x 270 mm
<b>Electric connection</b>	
Mains supply (V) at 50/60 Hz	230 (115)
Mains fuse external	≥ 10 AT
Protection	IP 21



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